



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

January 11, 2008

Ms. Melissa Berkebile
The Reinforced Earth Company
8614 Westwood Center Drive
Suite 1100
Vienna, VA 22182

Subject: Approval of The Reinforced Earth Company's Retained Earth System

Dear Ms. Berkebile:

The Geotechnical Engineering Unit (GEU) has fully approved The Reinforced Earth Company's Retained Earth System for use on North Carolina Department of Transportation (NCDOT) projects in accordance with the "NCDOT Policy for Mechanically Stabilized Earth Retaining Walls". This policy may be obtained from:

<http://www.ncdot.org/doh/preconstruct/highway/geotech/msewalls/>

While a Highway Innovative Technology Evaluation Center (HITEC) report is not available for the Retained Earth System, standard details, technical specifications, sample calculations and an installation manual have been submitted and this approval is based on NCDOT's experience with the system before implementation of the NCDOT MSE Retaining Wall Policy in December, 2007.

The following materials are defined as miscellaneous components in accordance with NCDOT's Standard Mechanically Stabilized Earth Retaining Walls Special Provision.

- High Density Polyethylene (HDPE) Bearing Pads
- Dowels for coping
- Clevis Loops
- Connector Pins
- Filter Fabric

Miscellaneous components provided by The Reinforced Earth Company are required and approved for use. The provision may be obtained from:

<http://www.ncdot.org/doh/preconstruct/highway/geotech/provnote/>

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL ENGINEERING UNIT
1589 MAIL SERVICE CENTER
RALEIGH NC 27699-1589

TELEPHONE: 919-250-4088
Fax: 919-250-4237

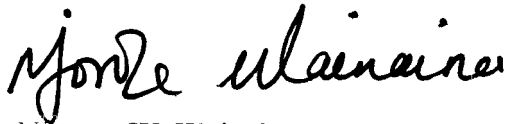
Website: www.ncdot.org/doh

LOCATION:
CENTURY CENTER COMPLEX
ENTRANCE B-2
1020 BIRCH RIDGE DRIVE
RALEIGH NC 27610

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If you have any questions, I can be reached at (919) 250-4088.

Sincerely,

A handwritten signature in black ink, appearing to read "Njoroge Wainaina". The script is cursive and fluid.

Njoroge W. Wainaina
State Geotechnical Engineer

cc: K. J. Kim, Ph.D., P.E., Eastern Regional Geotechnical Manager (w/ submittal)
John Pilipchuk, L.G., P.E., Western Regional Geotechnical Manager (w/ submittal)
Eric Williams, P.E., Geotechnical Design Supervisor (w/ submittal)
Greg Perfetti, P.E., State Bridge Design Engineer
Dave Henderson, P.E., State Hydraulics Engineer
Cecil Jones, P.E., State Materials Engineer
Rodger Rochelle, P.E., State Alternative Delivery Engineer
Tommy Cozart, P.E., Special Design Engineering Supervisor
Randy Garris, P.E., State Contract Officer
Mike Robinson, P.E., State Bridge Construction Engineer
Dan Holderman, P.E., State Bridge Maintenance Engineer